	Pacific Disaster Center Area Brief: General	HONOLULU 07:42:02 16 May 2018	WASH.D.C. 13:42:02 16 May 2018	ZULU 17:42:02 16 May 2018	NAIROBI 20:42:02 16 May 2018	BANGKOK 00:42:02 17 May 2018	CHATHAM 06:27:02 17 May 2018
~	Executive Summary						

Region Selected » Lower Left Latitude/Longitude: -36.9157 N°, -180.0 E° Upper Right Latitude/Longitude: -30.9157 N°, -176.5412 E°

Kingston, Auckland	Gorgia	Legend Population Density (person/sqkm) 0 170,000
Earthquake - 5.8 - 281km SSW of LEsperance Rock, New Zealand Location: 33.92° S, 179.54° W	•	
Situational Awareness		

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long		
	•	16-May-2018 17:41:36	5.8	10	281km SSW of L'Esperance Rock, New Zealand	33.92° S / 179.54° W		

Source: <u>PDC</u>

**Regional Overview** 

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

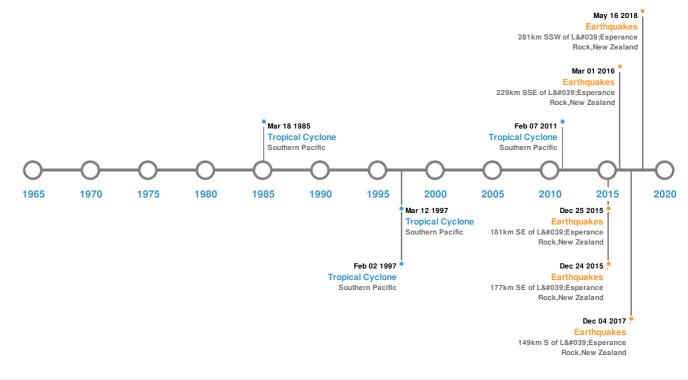
No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard.

#### **Risk & Vulnerability**

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

No significant land or population areas exist within the current map extent. Please use http://atlas.pdc.org/atlas/ for dynamic mapping capabilities of this hazard. Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

### **Historical Hazards:**



### Earthquakes:

vent	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	25-Sep-2016 04:28:37	5.90	10	181km SE of L'Esperance Rock, New Zealand	32.55° S/177.49° W
	16-May-2018 17:22:13	5.80	10	281km SSW of L'Esperance Rock, New Zealand	33.92° S/179.54° W
	04-Dec-2017 00:08:07	5.80	22.79	149km S of L'Esperance Rock, New Zealand	32.78° S / 178.79° W
	24-Sep-2016 04:02:13	5.80	10	177km SE of L'Esperance Rock, New Zealand	32.55° S/177.56° W
	01-Mar-2016 09:26:40	5.70	10	229km SSE of L'Esperance Rock, New Zealand	33.18° S/177.59° W

Source: Earthquakes

# **Tropical Cyclones:**

5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
٢	1985-03- 12	12-Mar-1985 06:00:00 - 18-Mar-1985 18:00:00	155	No Data	Southern Pacific	23.07° S/0°		
	1997-03-	02-Mar-1997 06:00:00 - 12-Mar-1997						

Event	02 Name	18:00:00 Start/End Date(UTC)	Max Wind Speed (mph)	No Data Min Pressure (mb)	Southern Pacific Location	22.38° S / 0° Lat/Long
٢	1997-01- 20	20-Jan-1997 18:00:00 - 02-Feb-1997 18:00:00	75	No Data	Southern Pacific	25.95° S/0°
٢	1956-11- 11	11-Nov-1956 12:00:00 - 18-Nov-1956 06:00:00	52	No Data	Southern Pacific	22.52° S/0°
٢	ZAKA	07-Feb-2011 18:00:00 - 07-Feb-2011 18:00:00	35	No Data	Southern Pacific	- / -

Source: Tropical Cyclones

**Disclosures** 

\* As defined by the source (<u>Dartmouth Flood Observatory</u>, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.

© 2015-2018 Pacific Disaster Center (PDC) - All rights reserved. Commercial use is permitted only with explicit approval of PDC.